

**CARVER**  
**Cancer Incidence by Sex, 1993 - 1997**  
**Expected and Observed Case Counts, with Standardized Incidence Ratios**

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	7.32	9	123	Male	4.17	4	NC*
Female	2.50	5	200	Female	3.14	4	NC*
Total	9.82	14	143	Total	7.31	8	109
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	2.28	0	NC*	Male	1.35	2	NC*
Female	1.94	1	NC*	Female	1.15	2	NC*
Total	4.22	1	NC*	Total	2.50	4	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin's Lymphoma</u></b>			
Male	0.47	0	NC*	Male	5.58	4	NC*
Female	40.22	37	92	Female	4.73	7	148
Total	40.68	37	91	Total	10.30	11	107
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	2.55	0	NC*	Male	4.52	13	288 ~+
				Female	2.11	1	NC*
				Total	6.63	14	211 #+
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	18.26	14	77	Female	4.85	2	NC*
Female	16.22	18	111				
Total	34.47	32	93				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	2.53	3	NC*	Male	2.68	0	NC*
Female	0.83	0	NC*	Female	2.68	2	NC*
Total	3.36	3	NC*	Total	5.36	2	NC*
<b><u>Hodgkin's Disease</u></b>				<b><u>Prostate</u></b>			
Male	1.06	1	NC*	Male	42.20	47	111
Female	0.84	1	NC*				
Total	1.90	2	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	4.07	8	197	Male	3.13	0	NC*
Female	2.36	3	NC*	Female	1.73	1	NC*
Total	6.42	11	171	Total	4.86	1	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	2.40	5	209	Male	1.43	1	NC*

Female	0.66	2	NC*				
Total	3.06	7	229				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	3.12	4	NC*	Male	0.80	0	NC*
Female	2.23	7	313 #+	Female	2.05	4	NC*
Total	5.35	11	205 #+	Total	2.85	4	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	1.38	3	NC*				
Female	0.56	0	NC*	Female	7.80	7	90
Total	1.94	3	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	22.50	26	116	Male	141.18	154	109
Female	16.57	23	139	Female	126.95	139	109
Total	39.07	49	125	Total	268.13	293	109

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels